

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.       **(Original)** A method for controlling evaporation temperature in an air conditioning system, in particular a vehicle air conditioning system, having a latent refrigeration accumulator (3) which can be cooled by an evaporator (1), with the evaporation temperature of a refrigerant in the evaporator (1) being set as a function of demand to a value between a minimum temperature ( $T_{\min}$ ) and a maximum temperature ( $T_{\max}$ ) which is below a phase change temperature of the latent medium.
2.       **(Original)** The method as claimed in claim 1, characterized in that the latent refrigeration accumulator (3) contains decarol as latent medium.
3.       **(Currently Amended)** The method as claimed in ~~claim 1 or 2~~ claim 1, characterized in that the latent refrigeration accumulator (3) contains tetradecane as latent medium.
4.       **(Currently Amended)** A vehicle air conditioning system to be operated by the method as claimed in ~~one of claims 1 to 3~~ claim 1.